



The DAYLIFF D3SOLAR pump is specifically designed for PV solar powered water supply from wells and boreholes.

## Features

- Rotary screw design
- Materials of construction are principally stainless steel with a rubber stator.
- Provided with a self-contained multifunction MPPT (Maximum Power Point Tracking) controller which protects from over and under voltage, over current and low water level (if electrodes are fitted) and features various indicator lights that give the pump's operating status
- Supplied complete with a controller, cable connectors, water level sensor, solar panel cables and spare rotor
- Fitted with a permanent magnet, brushless, direct current motor specifically designed for maximum efficiency from solar module power sources
- Can be installed with or without batteries. If batteries are provided the pump will operate when solar irradiation is insufficient
- Enclosure Class: IP68
- Insulation Class: B

## Operating Conditions

**Pumped Liquid:** Thin, clean, chemically non-aggressive liquids with a sand content of less than 0.1%.

**Minimum Immersion Depth:** 0.5m

**Maximum Immersion Depth:** 20m

## Pump Data

| Model        | Type          | Power Required (W) | Voltage (V) | Dimensions (mm) |    |    | Weight (kgs) |
|--------------|---------------|--------------------|-------------|-----------------|----|----|--------------|
|              |               |                    |             | DN              | C  | H  |              |
| D3SOLAR 120H | Helical Rotor | 120                | 24          | 3/4"            | 76 | 42 | 6            |

